

**METHOD OF AND DEVICE FOR CONTROLLING  
AND AUTOMATICALLY CONTROLLING  
THE THICKNESS PROFILE IN THE PRODUCTION OF BLOWN FILM**

**Abstract of the Disclosure**

A device for controlling thickness of film in a blown film extruder has a blow head, a main cooling ring and an additional cooling ring. The additional cooling ring supplies separate additional air streams. A measuring and controlling device controls the thickness profile of a blown film. The measuring and controlling device scans the thickness of the blown film above a freezing zone. The device controls the additional air streams as a function of the measured blown film thicknesses. The additional cooling ring is a segmented ring arranged at the blow head of a blown film extruder adjacent the main cooling ring. A method utilizing device is likewise disclosed.